

Transporter Classification

Introduction

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Transporter Classification Browser

Transporter Classification Browser is a way to browse Transporter Classification families. It can be accessed through **Transporter Classification** on the second-level menu of **Find Functions**, as shown in Figure 1.

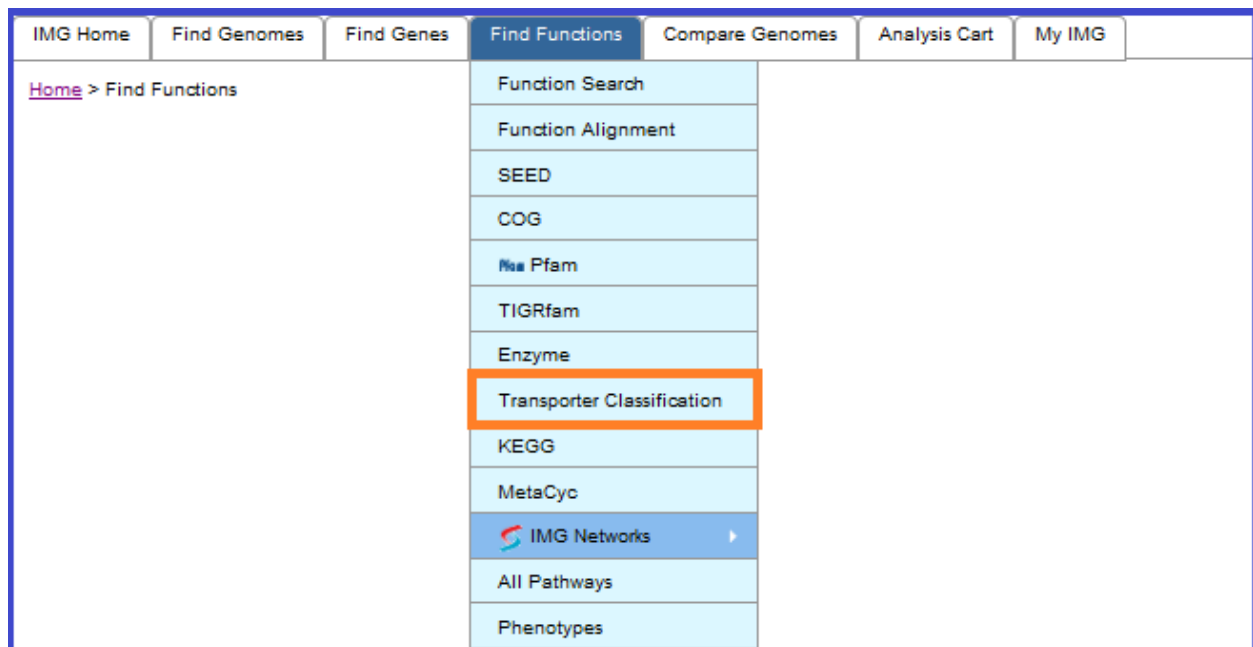


Figure 1: Access Transporter Classification Browser.

The page of **Transporter Classification Browser**, as shown in Figure 2, displays a complete list of Transporter Classification families.

[IMG Home](#)
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[Find Genes](#)
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[Home](#) > Find Functions
 656 families Loaded.

Transporter Classification Browser

[Transporter Classification List](#)

[1.A.1](#) - [The Voltage-gated Ion Channel \(VIC\) Superfamily](#)
[1.A.10](#) - [The Glutamate-gated Ion Channel \(GIC\) Family of Neurotransmitter Receptors](#)
[1.A.11](#) - [The Ammonia Transporter Channel \(Amt\) Family](#)
[1.A.12](#) - [The Intracellular Chloride Channel \(CLIC\) Family](#)
[1.A.13](#) - [The Epithelial Chloride Channel \(E-CIC\) Family](#)
[1.A.14](#) - [The Non-selective Cation Channel-1 \(NSCC1\) Family](#)
[1.A.15](#) - [The Non-selective Cation Channel-2 \(NSCC2\) Family](#)
[1.A.16](#) - [The Yeast Stretch-Activated, Cation-Selective, Ca²⁺ Channel, Mid1 \(Mid1\) Family](#)
[1.A.17](#) - [The Calcium-Dependent Chloride Channel \(Ca-CIC\) Family](#)
[1.A.18](#) - [The Chloroplast Envelope Anion Channel-forming Tic110 \(Tic110\) Family](#)
[1.A.19](#) - [The Type A Influenza Virus Matrix-2 Channel \(M2-C\) Family](#)
[1.A.2](#) - [Inward Rectifier K⁺ Channel \(IRK-C\) Family](#)
[1.A.20](#) - [The BCL2/Adenovirus E1B-interacting Protein 3 \(BNip3\) Family](#)
[1.A.21](#) - [The Bcl-2 \(Bcl-2\) Family](#)
[1.A.22](#) - [The Large Conductance Mechanosensitive Ion Channel \(MscL\) Family](#)
[1.A.23](#) - [The Small Conductance Mechanosensitive Ion Channel \(MscS\) Family](#)
[1.A.24](#) - [The Gap Junction-forming Connexin \(Connexin\) Family](#)

Figure 2: Transporter Classification Browser.

Clicking the link for “Transporter Classification family number” leads to the website of Transporter Classification Database. On the other hand, clicking the link for “Transporter Classification family name” result in a table display of that Transporter Classification family, as shown in Figure 3.

IMG Home Find Genomes Find Genes Find Functions Compare Genomes Analysis Cart My IMG Using IMG

Home > Find Functions 1 Transporter Classification families retrieved

Transporter Classification Families

Add Selected to Function Cart Select All Clear All

Search column: Transporter Classification Family Number Search term:

Export Page 1 of 1 << first < prev 1 next > last >> All

Column Selector Select Page Deselect Page

Select	Transporter Classification Family Number	Transporter Classification Family Name	GO	COG	pfam	IMG Terms	Gene Count	Genome Count
<input type="checkbox"/>	1.A.16	The Yeast Stretch-Activated, Cation-Selective, Ca ²⁺ Channel, Mid1 (Mid1) Family	GO:0005262 GO:0005515 GO:0005783 GO:0005886 GO:0006816 GO:0016021			6841	45	44

Export Page 1 of 1 << first < prev 1 next > last >> All

Figure 3: Table Display of individual Transporter Classification family.

Transporter Classification Family List

Further, user can click the link for “Transporter Classification Family List” to have a table list of all the Transporter Classification families, as shown in Figure 4. Through the table, user not only can use the provided “Select All”/“Clear All” buttons to select and export the data of desired rows, but also can add them into the Function Cart.

IMG Home Find Genomes Find Genes Find Functions Compare Genomes Analysis Cart My IMG Using IMG

Home > Find Functions 656 Transporter Classification families retrieved

Transporter Classification Families

Add Selected to Function Cart Select All Clear All

Search column: Transporter Classification Family Number Search term:

Export Page 1 of 7 << first < prev 1 2 3 4 5 6 7 next > last >> 100

Column Selector Select Page Deselect Page

Select	Transporter Classification Family Number	Transporter Classification Family Name	GO	COG	pfam	IMG Terms	Gene Count	Genome Count
<input type="checkbox"/>	1.A.16	The Yeast Stretch-Activated, Cation-Selective, Ca ²⁺ Channel, Mid1 (Mid1) Family	GO:0000155 GO:0000160 GO:0001508 GO:0001518 GO:0001539 GO:0001666 GO:0001669 GO:0002027 GO:0002095 GO:0003824 GO:0004871 GO:0005216 GO:0005221 GO:0005222 GO:0005227 GO:0005242 GO:0005244 GO:0005245 GO:0005248 GO:0005249					

Figure 4: Table Display of All Transporter Classification families.